

WHAT IS CLAIMED IS:

1. A printer which inputs print information from an information processing apparatus connected to the printer and performs print processing based on the print information, comprising:

holding means for holding identification information on option-device setting status of said printer, said identification information being readable by said information processing apparatus;

change means for changing the identification information held in said holding means in accordance with attachment status of an optional device for expanding function of said printer; and

identification-information output means for outputting the identification information held in said holding means, in correspondence with a request from said information processing apparatus.

2. The printer according to claim 1, further comprising request causing means for causing said information processing apparatus to issue an identification-information request to said printer when said optional device has been attached to said printer.

3. The printer according to claim 1, further

comprising print means for performing printing based on the print information inputted from said information processing apparatus.

5 4. The printer according to claim 1, wherein said change means changes the identification information when a power of said printer has been turned on.

10 5. The printer according to claim 1, wherein said change means changes the identification information at predetermined periods.

15 6. The printer according to claim 1, wherein said change means changes the identification information when said optional device has been attached to said printer.

20 7. The printer according to claim 1, wherein said change means changes the identification information in correspondence with the request from said information processing apparatus.

25 8. The printer according to claim 1, wherein the identification information held in said holding means can be changed from a control panel.

wherein said printer further comprising print means for performing printing based on the print information inputted from said information processing apparatus.

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12. The printing system according to claim 9, wherein said optional device has memory means for storing the identification information of said optional device.

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13. The printing system according to claim 9, wherein said information processing apparatus further comprises driver-change means for changing a driver for said printer in accordance with the identification information outputted from said printer.

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14. The printing system according to claim 9, wherein said optional device has a barcode corresponding to the identification information of said optional device.

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15. The printing system according to claim 9, wherein the identification information held in said holding means may be changed from a control panel.

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16. A printing method for a printer which inputs print information from an information processing apparatus connected to the printer and performs print processing based on the print information,

5 comprising:

a holding step of holding identification information on option-device setting status of said printer, said identification information being readable by said information processing apparatus;

10 a change step of changing the identification
information held at said holding step in accordance
with attachment status of an optional device for
expanding function of said printer; and

an identification-information output step of
15 outputting the identification information held at
said holding step, in correspondence with a request
from said information processing apparatus.

17. The printing method according to claim 16,
20 further comprising a request causing step of causing
said information processing apparatus to issue an
identification-information request to said printer
when said optional device has been attached to said
printer.

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18/ The printing method according to claim 16,

further comprising a print step of performing printing based on the print information inputted from said information processing apparatus.

5 19. The printing method according to claim 16,
wherein at said change step, the identification
information is changed when a power of said printer
has been turned on.

10 20. The printing method according to claim 16,
wherein at said change step, the identification
information is changed at predetermined periods.

21. The printing method according to claim 16,
15 wherein at said change step, the identification
information is changed when said optional device has
been attached to said printer.

22. The printing method according to claim 16,
20 wherein said at change step, the identification
information is changed in correspondence with the
request from said information processing apparatus.

23. A computer-readable storage medium holding
25 program codes for a printer which inputs print
information from an information processing apparatus

connected to the printer and performs print processing based on the print information comprising:

5 program codes for holding process for holding identification information on option-device setting status of said printer, said identification information being readable by said information processing apparatus;

10 program codes for change process for changing the identification information held at said holding process in accordance with attachment status of an optional device for expanding function of said printer; and

15 program codes for identification-information output process for outputting the identification information held at said holding process, in correspondence with a request from said information processing apparatus.

20 24. The computer-readable storage medium according to claim 23, further comprising program codes for request causing process for causing said information processing apparatus to issue an identification-information request to said printer when said
25 optional device has been attached to said printer.

25. The computer-readable storage medium according to claim 23, further comprising program codes for print process for performing printing based on the print information inputted from said information processing apparatus.
26. The computer-readable storage medium according to claim 23, wherein at said change process, the identification information is changed when the power of said printer has been turned on.
27. The computer-readable storage medium according to claim 23, wherein at said change process, the identification information is changed at predetermined periods.
28. The computer-readable storage medium according to claim 23, wherein at said change process, the identification information is changed when said optional device has been attached to said printer.
29. The computer-readable storage medium according to claim 23, wherein at said change process, the identification information is changed in correspondence with the request from said information processing apparatus.

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